

FEDERAL COMMUNICATIONS COMMISSION
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MEDIA BUREAU
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August 19, 2010

Donald A. and Sharon E. Wiedeman
26886 WCR 17
Johnstown, CO 80534

Re: KHNC(AM), Johnstown, CO
Facility Identification Number: 17183
License application: BMML-20100112AEQ

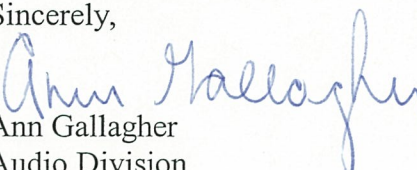
Dear Applicants:

Our review of the subject license application shows the following deficiencies.

1. There is an inconsistency in the circuit models used to account for base region effects associated with each tower. In calculations of each tower's impedance at the ATU with the other tower open-circuited, the engineering statement indicates that a simple circuit model consisting only of varying amounts of series inductance was used. The circuit models used to calculate operating current and phase at the ATU, however, include a shunt leg corresponding to a static drain choke. According to Section 73.151(c)(2)(i), "The computer model, *once verified by comparison with measured base impedance matrix data*, shall be used to determine the appropriate antenna monitor parameters." (Emphasis added.) In order to provide the necessary verification, the model used to compare individual tower impedance measurements to predicted values must be the same as the model used to determine operating parameters.
2. Section 73.151(c)(3) requires a description of the points at which reference field strength measurements were made. The rule specifies that the description should include point coordinates, but the coordinates alone do not suffice.

Further action on the subject license application will be withheld until an amendment addressing the deficiencies described above is submitted. Failure to respond within 60 days from the date of this letter may result in dismissal of the application pursuant to 47 CFR Section 73.3568(a)(1).

Sincerely,


Ann Gallagher
Audio Division
Media Bureau

Cc: Timothy C. Cutforth